

Searches for User lwells (Count = 6039)

Queries 5990 through 6039.

West
S#5

S #	Updt	Database	Query	Time
Comment S6039 U		USPT,PGPB,JPAB,EPAB,DWPI		
		20030124074.pn.		2003-08-
26 16:13:16 S6038 U		USPT,PGPB,JPAB,EPAB,DWPI		
		nail varnish same hair lacquer		2003-08-
26 16:02:15 S6037 U		USPT,PGPB,JPAB,EPAB,DWPI		
		(((methyl methacrylate or mma or pmma) same (isobutyl acrylate or iba or piba)) or ((methyl methacrylate or mma or pmma) same (butyl acrylate or ba or pba) same (styrene or s))) same (triblock or tri block)		2003-08-
26 13:27:48 S6036 U		USPT,PGPB,JPAB,EPAB,DWPI		

(((methacrylate or mma or pmma) same (isobutyl
acrylate or iba or piba)) or ((methacrylate or
mma or pmma) same (butyl acrylate or ba or pba) same (styrene
or s)))and (triblock or tri block)) and
(424/401.ccls. or 424/78.18.ccls.) .

2003-08-

26 13:24:51

S6035

U

USPT,PGPB,JPAB,EPAB,DWPI

(((methacrylate or mma or pmma) same (isobutyl acrylate
or iba or piba)) or ((methacrylate or
mma or pmma) same (butyl acrylate or ba or pba) same (styrene
or s))) and (triblock or tri block)

2003-08-

26 13:24:27

S6034

U

USPT,PGPB,JPAB,EPAB,DWPI

((methacrylate or mma or pmma) same (isobutyl acrylate
or iba or piba)) or ((methacrylate or
mma or pmma) same (butyl acrylate or ba or pba) same (styrene
or s))

2003-08-

26 13:23:27

S6033

U

USPT,PGPB,JPAB,EPAB,DWPI

((triblock or tri block)and (424/401.ccls. or 424/78.18.ccls.))
not (((triblock or tri block)and ((methacrylate or mma) and (butyl acrylate or ba)))and (cosmetic
or skin or nail))

2003-08-

26 12:07:01

S6032

U

USPT,PGPB,JPAB,EPAB,DWPI

(triblock or tri block) and (424/401.ccls. or 424/78.18.ccls.)

2003-08-

26 12:06:32

S6031

U

USPT,PGPB,JPAB,EPAB,DWPI

((triblock or tri block)and ((methacrylate or mma) and
(butyl acrylate or ba))) and (cosmetic or skin or
nail)

2003-08-

26 11:35:13

S6030

U

USPT,PGPB,JPAB,EPAB,DWPI

(triblock or tri block) and ((methyl methacrylate or mma) and
(butyl acryalte or ba))

2003-08-

26 11:34:52

S6029

U

USPT,PGPB,JPAB,EPAB,DWPI

(methyl methacrylate or mma) and (butyl acryalte or ba)

2003-08-

26 11:34:24

S6028

U

USPT,PGPB,JPAB,EPAB,DWPI

(triblock or tri block) and ((methyl methacrylate or mma) near
(butyl acryalte or ba))

2003-08-

26 11:34:02

S6027

U

USPT,PGPB,JPAB,EPAB,DWPI

(methyl methacrylate or mma) near (butyl acryalte or ba)

2003-08-

26 11:33:39

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1619lxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 22	Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS 36	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS 37	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation

NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:52:24 ON 26 AUG 2003

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:52:29 ON 26 AUG 2003

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STRUCTURE FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

DICTIONARY FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e nitrocellulose/cn

E1	1	NITROCEL/CN
E2	1	NITROCEL S/CN
E3	1	--> NITROCELLULOSE/CN
E4	1	NITROCELLULOSE ACRYLATE/CN
E5	1	NITROCELLULOSE-BIS (2-ETHYLHEXYL) PHTHALATE MIXT./CN
E6	1	NITROCELLULOSE-POLYACRYLONITRILE COPOLYMER/CN
E7	1	NITROCELLULOSE-POLYACRYLONITRILE POLYMER/CN
E8	1	NITROCHAKSINE/CN
E9	1	NITROCHAKSINE SULFATE/CN
E10	1	NITROCHAKSINE SULPHATE/CN
E11	1	NITROCHALK FERTILIZERS/CN

E12 1 NITROCHIN/CN

=> s e3

L1 1 NITROCELLULOSE/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 9004-70-0 REGISTRY

CN Cellulose, nitrate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Nitrocellulose (8CI)**

OTHER NAMES:

CN 3/1S

CN A 280

CN A 300A

CN A 5020

CN A 5021

CN A 5021 (cellulose derivative)

CN A 5023

CN AH 27

CN BA 85

CN Bergerac NC

CN Biotrace NT

CN BK2-W

CN BK2-Z

CN C 1145

CN C 2018

CN CA 80

CN CA 80-15

CN CA 85

CN CD 220

CN Celline 200

CN Celline FM 200

CN Celline FM 200S

CN Celloidin

CN Celnova BTH 1

CN Celnova BTH 1/2

CN Celva

CN CN 40-60

CN CN 80

CN CN 80 (cellulose derivative)

CN CN 85

CN CN 88

CN Collodion

CN Collodion cotton

CN Collodion wool

CN Colloxylin

CN Colloxylin VNV

CN Corial EM Finish F

CN Corial EM Finish LS

CN Daicel FQRS 1/2

CN Daicel FQRS 1/8

CN Daicel H 7

CN Daicel RA 1/16

CN Daicel RS

CN Daicel RS 1

CN Daicel RS 1/16

CN Daicel RS 1/2

CN Daicel RS 1/2H

CN Daicel RS 1/2MW

CN Daicel RS 20

CN Daicel RS 200

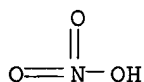
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for

DISPLAY
 DR 8050-69-9, 8050-70-2, 1339-76-0, 124362-83-0, 60649-57-2, 37228-31-2,
 37317-48-9, 72026-64-3, 72026-68-7, 152264-12-5, 88386-25-8, 188626-79-1,
 246848-29-3, 353274-56-3
 MF H N O3 . x Unspecified
 CI COM
 PCT Manual registration, Polyother, Polyother only
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMLIST, CIN, CSCHM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*,
 TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1
 CRN 9004-34-6
 CMF Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2
 CRN 7697-37-2
 CMF H N O3



14537 REFERENCES IN FILE CA (1937 TO DATE)
 160 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 14551 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.30	6.51

FILE 'REGISTRY' ENTERED AT 15:52:46 ON 26 AUG 2003
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STRUCTURE FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6
 DICTIONARY FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties. in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 9004-70-0/RN

L2 1 9004-70-0/RN

=> SET SMA OFF

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL RN

E1 THROUGH E1 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> INDEX HSDB,HODOC,GMELIN

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	6.99

INDEX 'HSDB, HODOC, GMELIN' ENTERED AT 15:52:51 ON 26 AUG 2003

3 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> S E1 AND SLB/FA

1 FILE HSDB

1 FILES HAVE ONE OR MORE ANSWERS, 3 FILES SEARCHED IN STNINDEX

L3 QUE 9004-70-0/BI AND SLB/FA

=> D RANK

F1 1 HSDB

=> FIL HITS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.55	7.54

FILE 'HSDB' ENTERED AT 15:52:56 ON 26 AUG 2003
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FILE LAST RELOADED: Aug 11, 2003

The Hazardous Substances Data Bank (HSDB), is a factual, nonbibliographic database from the Toxicology Program of the National Library of Medicine. It

contains information on toxicology and the environmental effects of chemicals.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3

1 9004-70-0/BI

3631 SLB/FA

L4 1 9004-70-0/BI AND SLB/FA

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D RN CN SLB 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 1.31 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L4 ANSWER 1 OF 1 HSDB COPYRIGHT 2003 NLM on STN

CAS Registry No. (RN): 9004-70-0 HSDB

Chemical Name (CN): COLLODION

Synonyms (CN): C 2018 **PEER REVIEWED**; E 1440 **PEER REVIEWED**;
H 1/2 **PEER REVIEWED**; BK2-W **PEER REVIEWED**; BK2-Z **PEER REVIEWED**;
CA 80-15 **PEER REVIEWED**; CELEX **PEER REVIEWED**; CELLOIDIN
PEER REVIEWED; CELLULOSE, NITRATE **PEER REVIEWED**;
CELLULOSE TETRANITRATE **PEER REVIEWED**;
CN 85 **PEER REVIEWED**;
COLLODION COTTON **PEER REVIEWED**;
COLLODION WOOL **PEER REVIEWED**;
COLLOXYLIN **PEER REVIEWED**;
COLLOXYLIN VNV **PEER REVIEWED**;
CORIAL EM FINISH F **PEER REVIEWED**;
DAICEL RS 1 **PEER REVIEWED**;
Pesticide Code: 099601 **PEER REVIEWED**;
FLEXIBLE COLLODION **PEER REVIEWED**;
FM-NTS **PEER REVIEWED**;
GUNCOTTON **PEER REVIEWED**;
HX 3/5 **PEER REVIEWED**;
KODAK LR 115 **PEER REVIEWED**;
LR 115 **PEER REVIEWED**;
NITROCEL S **PEER REVIEWED**;
NITROCELLULOSE **PEER REVIEWED**;
NITROCELLULOSE E950 **PEER REVIEWED**;
NITROCOTTON **PEER REVIEWED**;
NITRON **PEER REVIEWED**;
NITRON (NITROCELLULOSE) **PEER REVIEWED**;
NIXON N/C **PEER REVIEWED**;
NP 11 **PEER REVIEWED**;
NTS 62 **PEER REVIEWED**;
NTS 218 **PEER REVIEWED**;
NTS 222 **PEER REVIEWED**;
NTS 539 **PEER REVIEWED**;
NTS 542 **PEER REVIEWED**;
PARLODION **PEER REVIEWED**;
PYRALIN **PEER REVIEWED**;
PYROXYLIN **PEER REVIEWED**;
RF 10 **PEER REVIEWED**;
RS **PEER REVIEWED**;
RS 1/2 **PEER REVIEWED**;
RS NITROCELLULOSE **PEER REVIEWED**;
SHADOLAC MT **PEER REVIEWED**;
SOLUBLE GUN COTTON **PEER REVIEWED**;
SYNPOR **PEER REVIEWED**;
TSAPOLAK 964 **PEER REVIEWED**;
XYLOIDIN **PEER REVIEWED**

Shipping Name/No. (CN): UN 2059 Nitrocellulose solution, flammable, with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose; IMO 3.1 Nitrocellulose solution, flammable, with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose; IMO 3.2 Nitrocellulose solution, flammable, with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose; IMO 3.3 Nitrocellulose solution, flammable, with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose
STCC No. (CN): 49 101 44 Collodion

Physical and Chemical Properties

Solubility (SLB):

Immiscible with water **PEER REVIEWED** [Lewis, R.J., Sr (Ed.). Hawley's Condensed Chemical Dictionary. 13th ed. New York, NY: John Wiley & Sons,

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.72

9.26

FILE 'REGISTRY' ENTERED AT 15:53:47 ON 26 AUG 2003
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STRUCTURE FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6
DICTIONARY FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s arylsulfonamide/cn

L5 0 ARYLSULFONAMIDE/CN

=> e arylsulfonamide/cn

E1 1 ARYLSULFATE-PHENOL SULFOTRANSFERASE/CN
E2 1 ARYLSULFOHYDROLASE/CN
E3 0 --> ARYLSULFONAMIDE/CN
E4 2 ARYLSULFOTRANSFERASE/CN
E5 1 ARYLSULFOTRANSFERASE (EUBACTERIUM RECTALE STRAIN IIIH GENE A
STA)/CN
E6 1 ARYLSULFOTRANSFERASE (PSEUDOMONAS PUTIDA STRAIN S-313 GENE A
STA)/CN
E7 1 ARYLSULFOTRANSFERASE ST1A8 (ORYCTOLAGUS CUNICULUS STRAIN NEW
-ZEALAND-WHITE LIVER)/CN
E8 2 ARYLSULPHATASE A (RHODOPIRELLULA BALTICA GENE ARSA)/CN
E9 1 ARYLSULPHATASE A (RHODOPIRELLULA BALTICA GENE ASLA)/CN
E10 1 ARYLSULPHATASE A (RHODOPIRELLULA BALTICA GENE RB13147)/CN
E11 1 ARYLSULPHATASE A (RHODOPIRELLULA BALTICA GENE RB4815)/CN
E12 1 ARYLSULPHATASE A (RHODOPIRELLULA BALTICA GENE RB5146)/CN

=> e toluene/cn

E1 1 TOLUCCANOLIDE C/CN
E2 1 TOLUCILLIN/CN
E3 1 --> TOLUENE/CN
E4 1 TOLUENE 1,2-DIOXYGENASE SYSTEM FERREDOXIN--NAD(+) REDUCTASE

COMPONENT, (TODA) (SULFOLOBUS SOLFATARICUS GENE TODA)/CN
 E5 1 TOLUENE 1:1 COMPLEX WITH ARSENIC TRICHLORIDE/CN
 E6 1 TOLUENE 2,3-DIOXYGENASE/CN
 E7 1 TOLUENE 2,3-DIOXYGENASE, (RALSTONIA SP. JS705 STRAIN JS705 G
 ENE MCBAA LARGE SUBUNIT)/CN
 E8 1 TOLUENE 2,3-DIOXYGENASE, (RALSTONIA SP. JS705 STRAIN JS705 G
 ENE MCBAB SMALL SUBUNIT)/CN
 E9 1 TOLUENE 2,4-DIISOCYANATE/CN
 E10 1 TOLUENE 2,4-DIISOCYANATE-CASTOR OIL POLYMER/CN
 E11 1 TOLUENE 2,6-DIISOCYANATE/CN
 E12 1 TOLUENE 2,6-DIISOCYANATE-DIETHYLENE GLYCOL-ADIPIC ACID COPOL
 YMER/CN

=> s e3

L6 1 TOLUENE/CN

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 108-88-3 REGISTRY

CN Benzene, methyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Toluene (8CI)**

OTHER NAMES:

CN 1-Methylbenzene

CN Antisal 1a

CN CP 25

CN CP 25 (solvent)

CN Methacide

CN Methylbenzene

CN Methylbenzol

CN NSC 406333

CN Phenylmethane

CN Toluol

FS 3D CONCORD

MF C7 H8

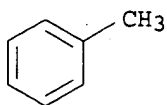
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSChem, CSNB,
 DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,
 ENCOMPPAT, ENCOMPPAT2, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB,
 IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA,
 PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2,
 USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

73472 REFERENCES IN FILE CA (1937 TO DATE)

678 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

73565 REFERENCES IN FILE CAPLUS (1937 TO DATE)

24 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.52	19.78

FILE 'REGISTRY' ENTERED AT 15:54:22 ON 26 AUG 2003
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 108-88-3/RN

L7 1 108-88-3/RN

=> SET SMA OFF

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL RN

E1 THROUGH E1 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> INDEX HSDB,HODOC,GMELIN

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	20.26

INDEX 'HSDB, HODOC, GMELIN' ENTERED AT 15:54:27 ON 26 AUG 2003

3 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> S E1 AND SLB/FA

1 FILE HSDB
1 FILE HODOC
1 FILE GMELIN

3 FILES HAVE ONE OR MORE ANSWERS, 3 FILES SEARCHED IN STNINDEX

L8 QUE 108-88-3/BI AND SLB/FA

=> D RANK

F1 1 HSDB
F2 1 HODOC
F3 1 GMELIN

=> FIL HITS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.55	20.81

FILE 'HSDB' ENTERED AT 15:54:31 ON 26 AUG 2003
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=> S L8

L9 3 L8

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D RN CN SLB 1-

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):Y
THE ESTIMATED COST FOR THIS REQUEST IS 5.34 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L9 ANSWER 1 OF 3 HSDB COPYRIGHT 2003 NLM on STN

CAS Registry No. (RN): 108-88-3 HSDB

Chemical Name (CN): TOLUENE

Synonyms (CN): ANTISAL 1A **PEER REVIEWED**;
BENZENE, METHYL-
PEER REVIEWED;
Caswell no 859 **PEER REVIEWED**;
CP 25 **PEER REVIEWED**;
METHACIDE **PEER REVIEWED**;
METHANE, PHENYL- **PEER REVIEWED**;
METHYLBENZENE **PEER REVIEWED**;
METHYLBENZOL **PEER REVIEWED**;
NCI-C07272 **PEER REVIEWED**;
PHENYLMETHANE **PEER REVIEWED**;
TOLUEEN (DUTCH) **PEER REVIEWED**;
TOLUEN (CZECH) **PEER REVIEWED**;
TOLUOL **PEER REVIEWED**;
TOLUOLO (ITALIAN) **PEER REVIEWED**

Shipping Name/No. (CN): UN 1294 Toluene; IMO 3.2 Toluene

STCC No. (CN): 49 093 05 Toluene; 49 093 56 Toluene (toluol),
reclaimed solvents, derived from the use of
printing inks, consisting of 70% recycled toluol
and not more than 30% lactol spirits, textile
spirits and mineral spirits; 49 060 10 Toluene
(toluol), mixed with aluminum alkyls, not to
exceed 20% (aluminum alkyl)

Physical and Chemical Properties

Solubility (SLB):

Miscible with alcohol, chloroform, ether, acetone, glacial acetic acid, carbon disulfide **PEER REVIEWED** [Budavari, S. (ed.). The Merck Index - An Encyclopedia of Chemicals, Drugs, and Biologicals. Whitehouse Station, NJ: Merck and Co., Inc., 1996. 1626]

Soluble in ethanol, benzene, diethyl ether, acetone, chloroform, glacial acetic acid and carbon disulfide; insoluble in water. **PEER REVIEWED** [IARC. Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man. Geneva: World Health Organization, International Agency for Research on Cancer, 1972-PRESENT. (Multivolume work).p. V47 79 (1989)]

In water, 526 mg/l @ 25 deg C **PEER REVIEWED** [Sanemasa I et al; Bull Chem Soc Japan 55: 1054-62 (1982)]

L9 ANSWER 2 OF 3 HODOC COPYRIGHT 2003 CRC on STN
 RN 108-88-3 HODOC
 CN Benzene, methyl-
 CN Antisal 1a
 CN CP 25
 CN Methacide
 CN Methylbenzene
 CN 1-Methylbenzene
 CN Methylbenzol
 CN Phenylmethane
 CN Toluene
 CN Toluol

Solubility

Description SLB.TX	Solvent SLB.SOL
Insoluble	water
Soluble	acetone; chloroform; CS ₂ ; ligroin
Miscible	alcohol; ether; benzene

L9 ANSWER 3 OF 3 GMELIN COPYRIGHT 2003 MDLI on STN

CAS Reg. No. (RN): 108-88-3

Chemical Name (CN): toluene

L9 ANSWER 3 OF 3 GMELIN COPYRIGHT 2003 MDLI

Solubility:

Value (SLB)	Descr. (.DES)	Solv. (.SOL)	Temp. (.T) (Cel)	KW	Ref.
5.1E-3 mol/l		water	1.6E1	H	1, 2
4.7E-2 weight-%		water	1.6E1	H	1, 2
	readily sol. in			H	3, 4
	liquid SO ₂ ;				

Reference(s):

1. Handbook Volume: O: MVol.6 (1964), Page: 1754
2. Fuehner, H., Ber., 57, <1924>, 510 - 515
3. Handbook Volume: S: MVol.B1 (1953), Page: 300
4. Walden, P.; Centnerszwer, M., Ber., 32, <1899>, 2862 - 2871

Footnote(s):

H - Handbook Data

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.96

30.77

FILE 'REGISTRY' ENTERED AT 15:54:48 ON 26 AUG 2003

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

DICTIONARY FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e butyl acetate/cn

E1 1 BUTYL 93/CN

E2 1 BUTYL ABIETATE/CN

E3 1 --> BUTYL ACETATE/CN

E4 1 BUTYL ACETATE-2-HYDROXYETHYL ACRYLATE-METHACRYLIC ACID-METHYL
L METHACRYLATE-STYRENE COPOLYMER/CN

E5 1 BUTYL ACETATE-BUTYL ACRYLATE-METHYL ACRYLATE COPOLYMER/CN

E6 1 BUTYL ACETATE-ETHENE-MALEIC ANHYDRIDE COPOLYMER/CN

E7 1 BUTYL ACETATE-HEPTANE-ISOPROPYL ALCOHOL-TOLUENE-1,1,2-TRICHL
ORO-1,2,2-TRIFLUOROETHANE MIXTURE/CN

E8 1 BUTYL ACETATE-METHANOL MIXT./CN

E9 1 BUTYL ACETATE-SODIUM VINYL SULFONATE-VINYL ACETATE COPOLYMER/
CN

E10 1 BUTYL ACETATE-TETRAHYDROFURAN COPOLYMER/CN

E11 1 BUTYL ACETATE-TETRAHYDROFURAN POLYMER/CN

E12 1 BUTYL ACETATE-VINYL ACETATE COPOLYMER/CN

=> s e3

L10 1 "BUTYL ACETATE"/CN

=> d

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 123-86-4 REGISTRY

CN Acetic acid, butyl ester (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-Acetoxybutane
 CN 1-Butyl acetate
 CN Acetic acid n-butyl ester
 CN **Butyl acetate**
 CN Butyl ethanoate
 CN n-Butyl acetate
 CN NSC 9298
 FS 3D CONCORD
 MF C6 H12 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*,
 DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*,
 HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
 NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER,
 TULSA, ULIDAT, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

n-Bu-O-Ac

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

8003 REFERENCES IN FILE CA (1937 TO DATE)
 31 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 8014 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.30	37.07

FILE 'REGISTRY' ENTERED AT 15:55:00 ON 26 AUG 2003
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 DICTIONARY FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 123-86-4/RN

L11 1 123-86-4/RN

=> SET SMA OFF

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL RN

E1 THROUGH E1 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> INDEX HSDB,HODOC,GMELIN

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	37.55

INDEX 'HSDB, HODOC, GMELIN' ENTERED AT 15:55:05 ON 26 AUG 2003

3 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> S E1 AND SLB/FA

1 FILE HSDB
1 FILE HODOC

2 FILES HAVE ONE OR MORE ANSWERS, 3 FILES SEARCHED IN STNINDEX

L12 QUE 123-86-4/BI AND SLB/FA

=> D RANK

F1 1 HSDB
F2 1 HODOC

=> FIL HITS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.55	38.10

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FILE 'HODOC' ENTERED AT 15:55:09 ON 26 AUG 2003
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=> S L12

L13 2 L12

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> D RN CN SLB 1-

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 2.81 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L13 ANSWER 1 OF 2 HSDB COPYRIGHT 2003 NLM on STN

CAS Registry No. (RN): 123-86-4 HSDB

Chemical Name (CN): N-BUTYL ACETATE

Synonyms (CN): ACETATE DE BUTYLE (FRENCH) **PEER REVIEWED**;
ACETIC ACID, BUTYL ESTER **PEER REVIEWED**; Acetic acid n-butyl ester
PEER REVIEWED; BUTILE (ACETATI DI) (ITALIAN) **PEER REVIEWED**; BUTYL
ACETATE **PEER REVIEWED**; 1-BUTYL ACETATE **PEER REVIEWED**; BUTYLACETATEN
(DUTCH) **PEER REVIEWED**; BUTYLACETAT (GERMAN) **PEER REVIEWED**; BUTYLE
(ACETATE DE) (FRENCH) **PEER REVIEWED**; BUTYL ETHANOATE **PEER REVIEWED**;
FEMA NUMBER 2174 **PEER REVIEWED**; OCTAN N-BUTYLU (POLISH) **PEER
REVIEWED**

Shipping Name/No. (CN): UN 1123 Butyl acetate; IMO 3.2 Butyl acetates

STCC No. (CN): 49 091 28 Butyl acetate

Physical and Chemical Properties

Solubility (SLB):

SOL IN MOST HYDROCARBONS **PEER REVIEWED** [Budavari, S. (ed.). The Merck
Index - An Encyclopedia of Chemicals, Drugs, and Biologicals. Whitehouse
Station, NJ: Merck and Co., Inc., 1996. 255]

Very soluble in ethanol and ether; soluble in acetone **PEER REVIEWED**
[Lide, D.R. (ed.). CRC Handbook of Chemistry and Physics. 76th ed. Boca
Raton, FL: CRC Press Inc., 1995-1996., p. 3-6]

In water: 14,000 mg/l at 20 deg C; 5,000 mg/l at 25 deg C **PEER
REVIEWED** [Verschuere, K. Handbook of Environmental Data of Organic
Chemicals. 2nd ed. New York, NY: Van Nostrand Reinhold Co., 1983. 305]

Water solubility of 6,700 ppm at 25 deg C **PEER REVIEWED** [Tewari YB et
al; J Chem Eng Data 27: 451 (1982)]

L13 ANSWER 2 OF 2 HODOC COPYRIGHT 2003 CRC on STN

RN 123-86-4 HODOC

CN Acetic acid, butyl ester

CN Acetic acid n-butyl ester

CN Butyl acetate

CN n-Butyl acetate

CN 1-Butyl acetate

CN Butyl ethanoate

Solubility

Description SLB.TX	Solvent SLB.SOL
Slightly soluble	water
Soluble	acetone; chloroform
Miscible	alcohol; ether

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>